

To: Duncan, Bruce[Duncan.Bruce@epa.gov]
From: Fontaine, Thomas
Sent: Thur 8/13/2015 4:50:17 PM
Subject: RE: Region 8 sediment expertise - two experts from R10

Thanks Bruce. R8 needs all the help they can get.

Thomas D. Fontaine, Ph.D.

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From: Duncan, Bruce
Sent: Thursday, August 13, 2015 9:49 AM
To: Tyler, Patti; Sayles, Gregory
Cc: Fontaine, Thomas; Morton, Michael; Stifelman, Marc; Shephard, Burt; Hoff, Dale
Subject: RE: Region 8 sediment expertise - two experts from R10

Greg and Patti;

Two of our metals experts:

Marc Stifelman – Human Health Risk assessor, expert in:

Metals tox (slag – Cd, Cu, Pb, Zn) in Upper Columbia;

Tribal exposures and toxicity concerns from metals in sediment and fish.

Also blood lead issues (from soil at the Bunker Hill site).

Multi-incremental sampling

Burt Shephard – Eco Risk assessor, expert in:

Metals tox (e.g., Upper Columbia slag site), esp screening (sediment and water)

Tox testing (e.g., native mussel species)

Metals bioaccumulation

Deep ties with USGS and ORD (esp. Teresa Norberg-King; Dave Mount; Chris Ingersoll; Lawrence Burkhard, etc.)

Best link I have right now to water data: <http://www2.epa.gov/goldkingmine/epa-statement-colorado-data-gold-king-mine-release>

I have seen no sediment data

Let me know how else I might be of help.

Bruce

Bruce Duncan

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From: Tyler, Patti
Sent: Thursday, August 13, 2015 9:14 AM
To: Sayles, Gregory
Cc: Duncan, Bruce; Fontaine, Thomas; Morton, Michael
Subject: Region 8 sediment expertise

Greg,

As noted by Dale Hoff, Region 8 has expertise for assessing the health and ecological toxicity of metals in sediments. Deb McKean, Kristen Keteles, Dan Wall and Wendy O'Brien are already deployed. We have two other toxicologists, Susan Griffin and Charlie Partridge that have the expertise as well. Deb McKean supervises the regional toxicologists. I have forwarded the email I received from Tom Fontaine to both Michael Morton and Terry Burton in Region 6 and asked them to share that information with you. I expect you will be hearing from Bruce Duncan in Region 10 about their expertise.

Patti

Patti Lynne Tyler

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